Business Objects
an SAP® company

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Crystal Reports® 2008 with Service Pack 0

Supported Platforms

Overview

This document lists specific platforms and configurations for Crystal Reports® 2008 with Service Pack 0.

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Introduction

This document contains information specific to platforms and configurations for Crystal Reports® 2008 with Service Pack 0.

Products

- Crystal Reports® 2008 with Service Pack 0 Designer

Languages

- Chinese Simplified
- Chinese Traditional
- Dutch
- English
- French
- German
- Italian
- Japanese
- Korean
- Portuguese (Brazil)
- Spanish
- Swedish

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Supported Operating Systems

Operating System
Windows Vista (All 32-bit and 64-bit Editions)
Windows XP SP2 Professional
Windows Server 2003 SP1 Datacenter Edition
Windows Server 2003 SP1 Enterprise Edition
Windows Server 2003 SP1 Standard Edition
Windows Server 2003 SP1 Web Edition
Windows Server 2003 R2 Datacenter Edition
Windows Server 2003 R2 Enterprise Edition
Windows Server 2003 R2 Standard Edition
Windows Server 2003 R2 Web Edition
Windows Server 2003 SP2 Datacenter Edition
Windows Server 2003 SP2 Enterprise Edition
Windows Server 2003 SP2 Standard Edition
Windows Server 2003 SP2 Web Edition
Windows Server 2003 (x64 Edition) SP2

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Hardware Support

- Crystal Reports® is supported running on 32-bit versions of Windows running on x86 and x64 CPUs made by AMD and Intel.
- Crystal Reports® is supported running on 64-bit versions of Windows running on x64 CPUs made by AMD and Intel.

Crystal Reports® and Microsoft Critical Patches

Business Objects supports and recommends install of all Microsoft critical patches for the operating systems listed above. It is recommended to refer to the Business Objects policy on Microsoft patch support, which can be found on our Customer Support site.

Minimum Screen Resolution

Screen resolution of [1024] x [768] is recommended.

Hardware Requirements for Crystal Reports® 2008 with Service Pack 0

- Intel Pentium III or equivalent processor
- 256 MB RAM, 512 MB recommended
- 600 MB available hard drive space
- CD-ROM drive (for CD install only)

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Supported Application Servers

Applies To

All components within Crystal Reports that run within an application server, including:

- .NET Webform Viewers
- Java HTML Viewers
- ActiveX Viewer
- Redistributable applications that embed the reporting engine

Details

Application Server	JDK
Microsoft IIS 6	N/A
JBoss 4.0.4	JDK 1.5.0_xx
Oracle Application Server 10gR3 (10.1.3)	JDK 1.5.0_xx
SAP Web Application Server 7	JDK 1.4.2_xx
Tomcat 5.5	JDK 1.5.0_xx
WebLogic 9.2 MP2	JDK 1.5.0_xx JRockit 5.0+
WebLogic 10	JDK 1.5.0_xx JRockit 5.0+
WebSphere Application Server 6.1.0.7	JDK 1.5.0_xx
WebSphere Application Server Community Edition 2.0	JDK 1.5.0_xx

Supported Operating Systems for Application Servers

Web application servers are supported only when installed on server operating systems. See the Supported Operating Systems section of this document. Windows XP and Windows Vista are not considered server operating systems.

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Application Server Incremental Release Support Policy

Specified application servers versions have been successfully tested by Business Objects. Incremental releases of the specified versions defined by the last number in the application server name will be supported as they are made available, but may not have been tested by Business Objects. Exceptions in support will be documented.

JDK Version Support Policy

JDK major versions are specified to ensure the use of correct version when there are multiple choices provided by the vendor. Business Objects tests and supports any _xx release installed with a given application server.

Specific Patches Required for Oracle Application Server

See release notes for exact patch level support.

Supported HTTP Servers

Any supported by Application Server vendor.

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Supported Browsers

Applies To

All HTML viewers and the ActiveX Viewer (in IE only).

Details

Browser OS	Browser	JVM
Microsoft Windows	Firefox 2.0	Sun 1.5.0_xx Sun 1.6.0_02+
	IE 7.0	Sun 1.5.0_xx Sun 1.6.0_02+
	IE 6.0 SP2	Sun 1.5.0_xx Sun 1.6.0_02+
Macintosh	Safari 2.0.1	Apple 1.4.2

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Data Source Middleware Support

Business Objects products are designed to use 32-bit data source middleware connectivity. Unless otherwise specified, 64-bit middleware connectivity is not supported.

ODBC DSN Support

Business Objects products use the 32-bit ODBC registry on all versions of Windows. To administer 32-bit ODBC DSNs on 64-bit versions of Windows, run the 32-bit ODBC Administrator, located here: C:\Windows\SysWOW64\odbcad32.exe

Database Support (OLAP)

Provider Name	Data Connector	Unicode Support
Essbase Server 7.1.x	Essbase API 7.1.x	Yes
Hyperion System 9	Hyperion Essbase client 9.0	
	Hyperion Essbase client 9.2	
	Hyperion Essbase client 9.3	
Microsoft SQL Server Analysis Services 2000 SP4	Microsoft SQL Server OLAP Client 2000 SP4	Yes
Microsoft SQL Server Analysis Services 2005 SP1[1]	Microsoft SQL Server OLAP Client 2005 SP1	Yes
Microsoft SQL Server Analysis Services 2005 SP2[1]	Microsoft SQL Server OLAP Client 2005 SP2	Yes

1 -The minimum version level for MS SQL Server Analysis Services 2005 is SP1. The 2005 RTM version is not supported.

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Database Support (RDBMS)

Provider Name	Data Connector	Unicode
Generic JDBC Sources[4]	Java 1.5	Yes
Generic ODBC Sources[4]	ODBC	Yes
Generic OLEDB Sources[4]	OLEDB	Yes
HP NeoView 2.2	HP NeoView ODBC 2.2	Yes
IBM DB2/UDB for iSeries 5.3	DB2 Client 8.2	Yes
	IBM iSeries Access (ODBC) 5.3	Yes
	DB2 JDBC Universal Driver	Yes
	IBM iSeries Access (OLEDB) 5.3	Yes
	DataDirect ODBC 5.3[1]	Yes
IBM DB2/UDB for iSeries 5.4	DB2 JDBC Universal Driver	Yes
	DB2 Connect 9.1	
	IBM iSeries Access (ODBC) 5.4	
	DataDirect ODBC 5.3[1]	Yes
IBM DB2/UDB for NT/Unix/Linux 8.2	DB2 Client 8.2	Yes
	IBM JDBC Universal Driver	Yes
	DB2 OLEDB 8.2	Yes
	DataDirect ODBC 5.3[1]	Yes

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Provider Name	Data Connector	Unicode
IBM DB2/UDB for NT/Unix 9.1	DB2 Client 9.1	Yes
	IBM JDBC Universal Driver	Yes
	DB2 OLEDB 9.1	Yes
	DataDirect ODBC 5.3[1]	Yes
IBM DB2/UDB for NT/Unix/Linux 9.5	DB2 Client 9.5	Yes
	DB2 JDBC Universal Driver	Yes
	DB2 OLEDB 9.5	Yes
	DataDirect ODBC 5.3[1]	Yes
IBM DB2/UDB for zSeries 7	DB2 Client 8.1	
	DB2 ODBC Client 8.1	Yes
	DataDirect ODBC 5.3[1]	Yes
IBM DB2/UDB for zSeries 8	DB2 Client 8.2	
	DB2 universal JDBC Driver[6]	Yes
	DataDirect ODBC 5.3[1]	Yes
IBM Informix Dynamic Server 10.0	IBM Informix ODBC SDK 2.90	Yes
	DataDirect ODBC 5.3[1]	Yes
IBM Informix Dynamic Server 9.4	IBM Informix ODBC SDK 2.90	Yes
	DataDirect ODBC 5.3[1]	Yes
Microsoft Access 2003	DAO 3.6	Yes
	Microsoft ODBC MDAC 2.8	Yes
	Microsoft OLEDB MDAC 2.8	Yes

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Provider Name	Data Connector	Unicode
Microsoft Access 2007 (.accdb)	2007 Office System Driver: ODBC	Yes
	2007 Office System Driver: OLEDB	Yes
Microsoft SQL Server 2000 SP4	Microsoft ODBC MDAC 2.8	Yes
	Microsoft OLEDB MDAC 2.8	Yes
	SQL Server 2000 JDBC Driver	Yes
	DataDirect ODBC 5.3[1]	Yes
Microsoft SQL Server 2005 RTM/SP1/SP2	Microsoft ODBC MDAC 2.8	Yes
	Microsoft OLEDB MDAC 2.8	Yes
	Microsoft ODBC SNAC (Native Client)	Yes
	Microsoft OLEDB SNAC (Native Client)	Yes
	SQL Server 2005 JDBC Driver	Yes
	DataDirect ODBC 5.3[1]	Yes
Microsoft SQL Server 7.0 SP4	Microsoft ODBC MDAC 2.7	Yes
	Microsoft OLEDB MDAC 2.7	Yes
	DataDirect ODBC 5.3[1]	Yes

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Provider Name	Data Connector	Unicode
MySQL AB 5.0	MySQL AB ODBC 3.51.12	Yes
	MySQL AB JDBC 5.0	Yes
NCR Teradata V2R5.1	NCR Teradata ODBC 3.05 (TTU 8.1)	Yes
NCR Teradata V2R6	NCR Teradata ODBC 3.05 (TTU 8.1)	Yes
NCR Teradata V2R6.1	NCR Teradata ODBC 3.06 (TTU 8.2)	Yes
	NCR Teradata JDBC 3.04 (TTU 8.2)	Yes
NCR Teradata V2R6.2	NCR Teradata ODBC 3.06 (TTU 8.2)	Yes
	NCR Teradata JDBC 3.04 (TTU 8.2)	Yes
Netezza 2.5	Netezza ODBC 2.5	Yes
Netezza 3.0	Netezza ODBC 3.0	Yes
Netezza 3.1	Netezza ODBC 3.1	Yes
	Netezza JDBC Access	Yes
Oracle 9.2	Oracle Net Client 9.2	Yes
	JDBC Oracle 9.2[3]	Yes
	ODBC Oracle 9.2[3]	Yes
	OLEDB Oracle 9.2[3]	Yes
	DataDirect ODBC 5.3[1]	Yes

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Provider Name	Data Connector	Unicode
Oracle 10g R1 (10.1)	Oracle Net Client 10.1	Yes
	JDBC Oracle 10.1	Yes
	ODBC Oracle 10.1	Yes
	OLEDB Oracle 10.1	Yes
	DataDirect ODBC 5.3[1]	Yes
Oracle 10g R2(10.2)	Oracle Net Client 10.2	Yes
	JDBC Oracle 10.2	Yes
	ODBC Oracle 10.2	Yes
	OLEDB Oracle 10.2	Yes
	DataDirect ODBC 5.3[1]	Yes
Progress OpenEdge 10.0B	OpenEdge SQL 10.0B ODBC	Yes
Sybase ASE 12.5.x	Sybase Open Client 12.5	
	JDBC Sybase 12.5	Yes
	ODBC Sybase 12.5	Yes
	DataDirect ODBC 5.3[1]	Yes
Sybase ASE 15	Sybase Open Client 15	

1 - DataDirect drivers for Crystal Reports are available from Business Objects. See the Crystal Reports Start Page for download details.

3 – Data connectivity is assumed to be single-threaded. Customers are recommended not to use these drivers in concurrent on-demand scenarios since reports will be handled serially.

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4 - Generic ODBC, OLEDB and JDBC: Limitation:

- Database server, Client and ODBC/JDBC/OLEDB driver used must support multiple threads.

- Generic JDBC: 3rd Party JDBC Type 4-compliant drivers may potentially have issues as not all combinations have been tested, but are supported for *relational database access* as a general rule.

- Generic ODBC: 3rd Party ODBC Level 2-compliant Drivers may potentially have issues as not all combinations have been tested yet, but are supported as a general rule.

6. Supported for all operating systems listed in the Supported Operating Systems section, except Linux (Red Hat/SUSE).

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Database Support (Technology)

Provider Name	Data Connector	Unicode Support
ACT 6	ACT 6	
ADO .NET	Microsoft .NET Framework 1.0	Yes
	Microsoft .NET Framework 1.1	Yes
	Microsoft .NET Framework 2.0	Yes
Borland Database Engine 5.1	BDE 5.1	
COM	N/A	Yes
Microsoft Exchange 5.5	Crystal Reports Outlook/Exchange driver	
Microsoft Exchange 2000	Crystal Reports Outlook/Exchange driver	
Microsoft Exchange 2003	Crystal Reports Outlook/Exchange driver	Yes
Microsoft Excel 2000	DAO 3.6	Yes
	ODBC	Yes
	OLEDB	Yes
Microsoft Excel 2003	DAO 3.6	Yes
	ODBC	Yes
	OLEDB	Yes
Microsoft Excel 2007[1]	ODBC	Yes
	OLEDB	Yes
Field Definitions	N/A	Yes

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Provider Name	Data Connector	Unicode Support
File System	N/A	Yes
Java Bean	JDK 1.5	Yes
Lotus Notes 6	ODBC Lotus Notes 6	Yes
Lotus Notes 7	ODBC Lotus Notes 7	Yes
Microsoft IIS Log	N/A	
Microsoft Outlook 2000	Crystal Reports Outlook/Exchange driver	Yes
	Crystal Reports Outlook driver	
Microsoft Outlook 2003	Crystal Reports Outlook/Exchange driver	Yes
	Crystal Reports Outlook driver	
Microsoft Outlook 2007	Crystal Reports Outlook/Exchange driver	Yes
	Crystal Reports Outlook driver	
NT Event Log	N/A	
Pervasive SQL 2000	ODBC Pervasive 2000	Yes
	Pervasive SQL Client 2000	
Pervasive SQL 8	ODBC Pervasive 8	
Text	ODBC	Yes
Web Log	N/A	
xBase	N/A	
XML	Crystal Reports XML and Web Services driver	Yes
Web Services	Crystal Reports XML and Web Services driver	Yes

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1 – DAO technology cannot be used to access the Microsoft Office 2007 file formats: Microsoft Access 2007 .accdb, Microsoft Excel 2007 .xlsx (XML) and .xlsb (Binary). These file formats are supported via the Microsoft 2007 Office System drivers for ODBC and OLEDB.

Support for SAP Application Servers

BusinessObjects XI Integration for SAP Solutions must be installed in order to use an SAP application server as a data source. For the latest information on SAP platforms required by BusinessObjects XI Integration for SAP Solutions, please visit the support area of the website: http://www.businessobjects.com. The following list of products is applicable to SAP application server support:

- Crystal Reports (OLAP and Relational)
- Dashboard Builder (OLAP)
- Live Office (OLAP)
- QaaWS (OLAP) via Crystal XCelsius
- Voyager (OLAP)
- Web Intelligence (OLAP)

Other Tools

Microsoft Office

- Microsoft Office 2007
- Microsoft Office 2003 SP2
- Microsoft Office XP SP3
- Microsoft Office XP SP2

Adobe Reader

- Adobe Reader 8

Adobe Flash Player

- Adobe Flash Player 9

Only required for viewing Flash objects embedded in a Crystal Report

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Citrix Support

- Citrix Presentation Server 4

Citrix is not supported for Chinese and Korean

Microsoft .NET Framework

- .NET 1.1
- .NET 2.0
- .NET 3.0
- .NET 3.5

Development Platforms

This section refers to the Visual Studio components that are included in Crystal Reports.

- Visual Studio 2003
- Visual Studio 2005
- Visual Studio 2008

These components are not supported when running in Visual Studio 2003 on Windows Vista, since Visual Studio 2003 doesn't support Windows Vista. For more information see the Microsoft Visual Studio and Windows Vista FAQ here: http://msdn2.microsoft.com/en-us/vstudio/aa948854.aspx

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Finding More Information

For more information and resources, refer to the product documentation and visit the support area of the web site at:
http://www.businessobjects.com/

- www.businessobjects.com

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